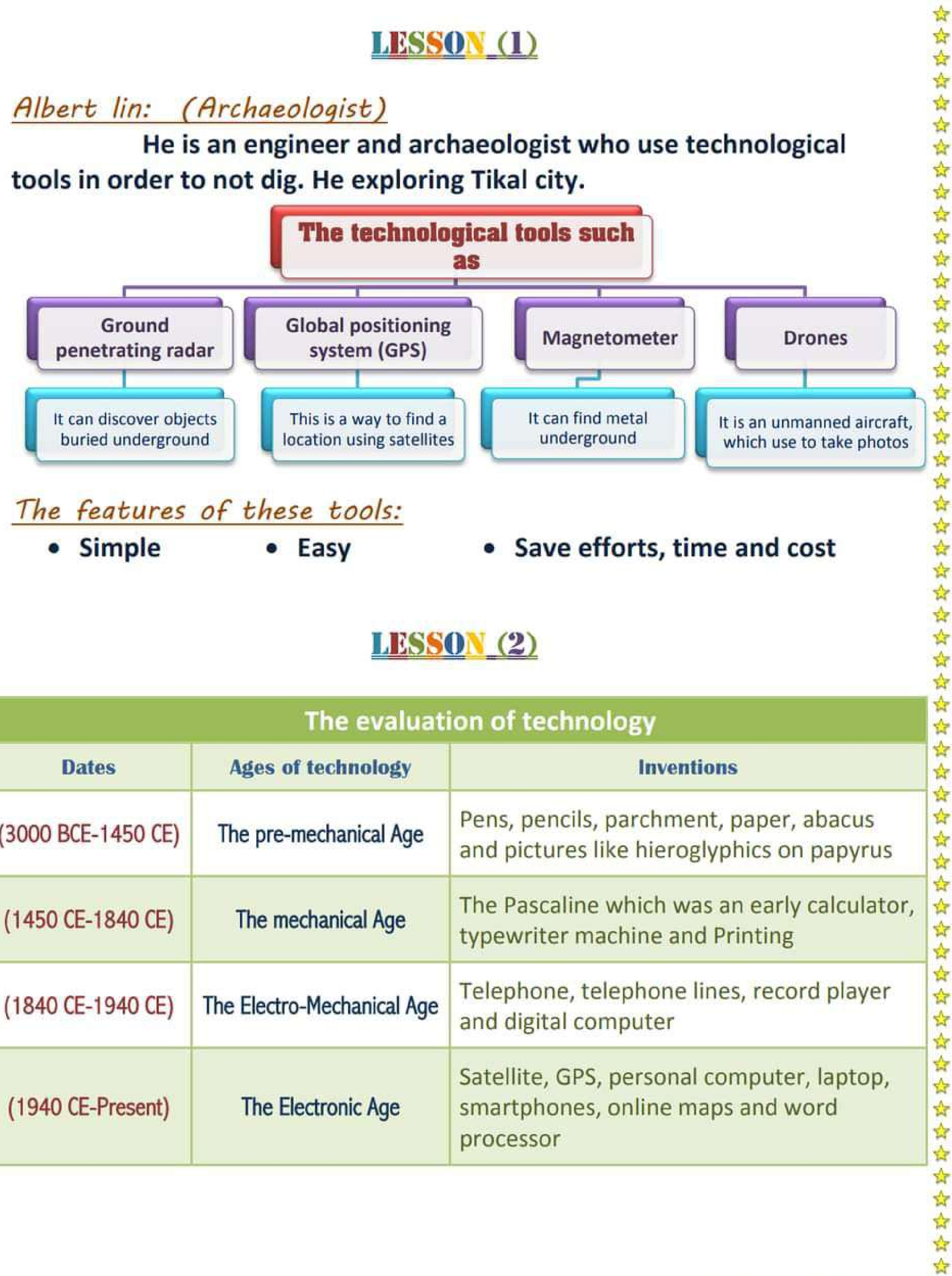


LESSON (1)

Albert lin: (Archaeologist)

He is an engineer and archaeologist who use technological tools in order to not dig. He exploring Tikal city.

The technological tools such as

- **Ground penetrating radar**: It can discover objects buried underground
- **Global positioning system (GPS)**: This is a way to find a location using satellites
- **Magnetometer**: It can find metal underground
- **Drones**: It is an unmanned aircraft, which use to take photos

The features of these tools:

- Simple
- Easy
- Save efforts, time and cost

LESSON (2)

The evaluation of technology		
Dates	**Ages of technology**	**Inventions**
(3000 BCE-1450 CE)	The pre-mechanical Age	Pens, pencils, parchment, paper, abacus and pictures like hieroglyphics on papyrus
(1450 CE-1840 CE)	The mechanical Age	The Pascaline which was an early calculator, typewriter machine and Printing
(1840 CE-1940 CE)	The Electro-Mechanical Age	Telephone, telephone lines, record player and digital computer
(1940 CE-Present)	The Electronic Age	Satellite, GPS, personal computer, laptop, smartphones, online maps and word processor

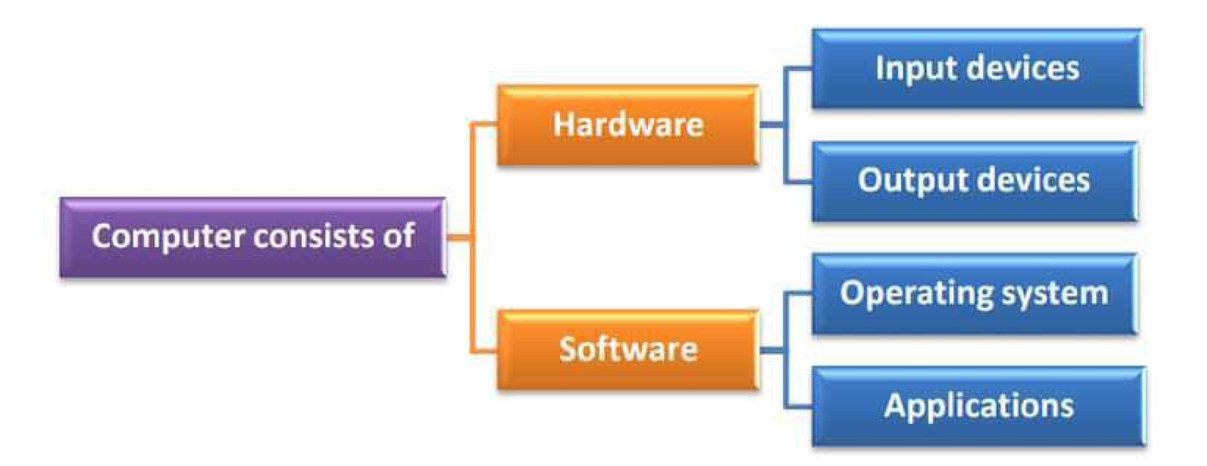
LESSON (3)

Computer:

Is an electronic device for processing data to get information and store it.

Uses of computer:

- Write documents
- Play games
- Create data tables
- Create videos
- Send emails
- Browse the internet
- Create PowerPoint presentation
- Create Excel sheet



Hardware:

It's any part of computer which you can see and touch.

Input devices	
Hardware component	**Type of input data**
Keyboard	Letters and Numbers
Mouse or touchscreen	Directional data
Microphone	Audio
Camera	Images and video
Scanner	Text and images from paper

Output devices	
Hardware component	**Type of output information**
Screen	Visual information: text, images and video
Speaker	Audio
Printer	Text and images on paper
Braille terminal	Text in Braille for blind people
Speech synthesizer	Convert text to speech for people who have speech's problems

LESSON (4)

Software:

It's a set of programs instructing a computer to do specific tasks.

The central processing unit (C.P.U)

Is a part of computer devices, it considered as a brain of computer.

C.P.U is using for process data and confirm it to Information.

LESSON (5)

Assistive technology:

Helps people of determination with tasks which they find difficult to do.

Albirt lin: is an archaeologist and he uses a prosthetic leg.

Stephen Hawking: was a famous scientist, he made use of speech synthesizer.

There are many types of assistive technology such as:

1. Screen magnification software. (Enlarges everything on computer)

   (For people who have low vision problem)
2. Hearing aids. (Models can now be connected to mobile)

   (For people who have hearing problems)
3. Alternate communication software. (Turn text to speech and speech to text)

   (For people who have speech & language disabilities)
4. Sporting tools. such as:
   - Paraclimbing tools
   - Footballs that make a noise.
   - A hand-bike that has 3 wheels.
   - Running blades.

LESSON (6)

Some of technological problems and solutions such as:

ICT Problem	Solution
1- An app won't open.	- Restart your computer. - Check software update. - Ask your teacher or family to help.
2- The mouse cursor isn't working.	- Connect the mouse cable to C.P.U then restart your device. - Replace the mouse with a new one. - Ask your teacher or family to help.
3- You can't find a file.	- Search using the search bar in start-menu. - Ask your teacher or family to help.
4- Your screen freezes.	- Press "Ctrl + Alt +Del" together. - Restart your computer. - Ask your teacher or family to help.
5- The keyboard isn't typing.	- Connect the keyboard cable to C.P.U then restart your device. - Replace the keyboard with a new one. - Ask your teacher or family to help.

LESSON (7)

Scientist and archaeologist can search to solve problems. They collect, analyze and graph data.

- **Collect:**

  You can collect data from a variety of sources, such as:

  - Books and Articles. (digital or print)
  - Records.
  - Surveys.
  - Experiments.

- **Analyze:**

  - Review your findings.
  - explain what those finding meaning.
  - Use the data to find out what happened, why it happened and what should be done.

- **Graph:**

  - A common graph is a bar graph.
  - You can draw graphs on paper, or make them on a computer using Excel program.

LESSON (8)

Researchers report the information they gather in many different ways Such as:

- Blogs
- Published articles
- Social media sites
- Interviews
- TV programs

➢ A common way to report data is through E-mail.

➢ Other ways are video chats and text messaging.

Lesson 1:- Explorer in Action

1-Choose the correct answer from the following options:-

1-your friend sent an email containing his address, this means that he used...

A-Ground penetrating radar   b-Magnetometer   c- GPS

2-A device that detects what is underground……

A- Magnetometer   b-global positioning   c- Penetrating radar

3- A device that detects metallic bridges underground

A- Magnetometer   b-global positioning   c- Penetrating radar

4-To send a message to someone who isn't close to you, taking care not to share your personal number, you must use ……..

A-Regular mail message   b-Text message   c-Voice message   d-Email

2- Put (√) or (×):-

1-The global positioning System (GPS) is used to explore underground minerals (   )

2-The engineers relied on the magnetometer to locate the construction sites (

3- Ground penetrating radar is used to detect objects buried underground (

4-The tourist doesn't depend on the penetrating radar to locate the different places (   )

5-The goal of adding the global positioning System (GPS) to all smart phones is to detect the locations of antiquities (   )

3-Complete the following statements:-

1-The Global positioning System (GPS) is denoted by………………………..

2-……………..helped to explore everything that is new and beneficial to science and society.

3-……………..…..uses satellites to communicate and locate objects.

Lesson 2: The evolution of technology

1- Put (√) or (×):-

1-The era of the mechanical revolution is the era in which electricity appeared ( )

2-Technology devices in our time are one of the reasons for the transmission of information ( )

3-The Pascaline machine is one of the most widely used machines in our time

4-The discovery of letters and numbers helped bring information to the modern age ( )

5-The information age extends to our present age ( )

2-Complete the following statements:-

1-The first version of a calculator is a……………………………….

2-The first device that was discovered in the era of the electrical revolution is……………………..

3-The era in which electricity first appeared is the era of…………..

4-One of the means that enables you to message your friends around the world is……………………

3-Choose the correct answer:-

1-……..is used in the modern era as a means of communication

(Paper letters – E-mail – Pascaline)

2-It was discovered in the era of the electronic revolution

(Satellite – Printer – digital counter – calculator)

Lesson 3: Components of computer systems

1-Choose the correct answer:-

1-Allows to enter sounds to the computer and record words

(Printer – monitor – microphone – speakers)

2-A device that allows non-native speakers to speak

(Speech synthesizer –loudspeakers –display screen –scanner)

3-Used to direct objects by selecting, dragging or inserting

(Printer – microphone – scanner -mouse)

4-All of the following are components of input units, except

(Touch screen – mouse – scanner – display)

2- Put (√) or (×):-

1-The computer converts information into data ( )

2-A laptop is larger in size than a personal computer ( )

3-The microphone is an input device ( )

3-What is the function of each component of the computer?

Components	Function
	Allow interaction with, and selection of information
	Displays visual data :texts ,images, and videos
	Allows input of images
	Allows input of Text
	Allows input of text and images from paper
	Allows input of text and images on paper
	Allows input of audio
	Allows output of audio

Lesson 4: Software and operating systems

1- Put (√) or (×):-

1-The operating system isn't necessary for the operation of the computer (   )

2-Presentation program helps to display information (   )

3-Software whose function is to control the processed data so that the user can take it out (   )

4-The keyboard and screen are among the devices responsible for operating the computer (   )

5-The data processing unit (CPU) that controls the sending of commands to the operating (   )

2- Complete :-

(PowerPoint –word – CPU –Software –Browser –Operating system)

1-……………help the user in carrying out their own tasks such as creating a presentation or creating a report

2-…………it is primarily responsible for how orders are executed and to ensure that the user reaches what was initially ordered.

3-…………..it is a program that helps to display information and add text, images and graphics

4-……………it is one of the portals to enter the world of the internet and websites

Lesson 5: Supporting people of determination

1-choose the correct answer from the following tests:-

1-Converting letters into prominent symbols and allowing them to be read by touch

(Braille method – Screen reader – motorized chairs – earphones)

2-It helps people of determination to move…………….

(Earbuds –prosthetic –devices –amplifiers –alternative sports – equipment)

3-…………programs help visually impaired people to interact with the computer

(Screen amplifiers – earphones – microphone –motorized chairs)

4-…………help people of determination to communicate verbally and linguistically with others

(Screen magnifiers – alternative communication software – elevators – Braille)

5-Tricycles that help people of determination

(Earbus – Braille – screen amplifiers –sports equipment)

2- Put (√) or (×):-

1-Archaeologist Albert lin lost his leg and relied on earphones to perform his duties ( )

2-The use of assistive technology makes it difficult for users to perform their daily tasks ( )

3-Screen magnification software is used to help people who have lost a limb (
4-People of determination are the only ones who benefit from assistive technology ( )

Lesson 6: Common ICT problems and solution

1- Put (√) or (×):-

1-It is impossible for any computer to malfunction ( )

2-The first thing you do when you have a problem with your computer is to call an older person ( )

3-Press Del+Alt+Ctrl if the mouse is not activated ( )

4-Restarting the device helps to solve most of the problems ( )

5-In the event that an application does not open from the first attempt, it is preferable to delete it from the device first, and then reinstall it ( )

1-choose the correct answer from the following tests:-

1-An important choice that should be made after repairing or reinstalling the mouse in the device, is……………..

A-Delete an application from the device b-Reboot the device again

C-Connect the power charger to the device d-Check the electrical connections

2-when you are unable to solve some of the problems that you may encounter, you should do……………

A-Leave the problem standing and stay away from it

B-Delete some documents from your computer

C-Disconnect the connections for the keyboard

d-Ask your teacher or a family member

3-The command responsible for closing PC or mobile application is....

A-Alt+Ctrl+Del b-Alt+Del+Shif c-Alt+Del+Tab d-Del+Tab+Shift

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Lesson 7: Collecting, analyzing and graphing data

2-Complete:-

1-………………….it is considered one of the digital sources for data collection

2-The last stage after analyzing the data is ………………………

3-The graph is the most used as it displays different categories of information ………………………………

4- Non –numerical sources that are relied upon to collect data, are……………………….

5-The objective of the data analysis process is to be more accurate to obtain………………………..

Lesson 8: Reporting Findings

1-Complete the following statements:-

1-Through which information is presented and guests who specialize in a particular topic are interviewed, which is……………

2-It is considered as a diary or a page to share personal opinions, and one individual is responsible for it, which is…………………

3-It is…………….……the means that helps to share different opinions, and helps to exchange information

4-A way of communicating through different places by sound and image, is …………………………………..

2-Put (√) or (×):-

1-All information in social media is considered reliable (   )

2-The owner of the blog is the only person responsible for the information inside it (   )

3-An email can be sent without the addressee (   )

4-Text messages are quick solutions to deliver quick information (   )

5-The graph is a clear way to display comparisons between the different results (   )



October Revision

Mr. Ahmed Elbasha

(1) Choose the right answer :

1. .... an electronic device whose function is to receive data, process it, convert it into information, and store and retrieve this information at any time.

a. Computer b. Laptop c. Tablet d. all the previous

2. The computer is used for ....

a. Writing documents b. Sending e-mail and surfing the Internet

c. Games d. All the previous

3. .... used for writing on the computer.

a. Mouse b. Keyboard c. Spreadsheet

4. You can create .... on paper or do it use a spreadsheet program.

a. graphs b. oil paintings c. cartoons

5. The .... was used for the first time in the era of the mechanical revolution.

a. GPS b. printer c. graphics

6. Windows is one of the most popular ....

a. application b. operating systems c. program

7. .... of the basic components of a computer.

a. Camera b. central processing unit (CPU) c. keyboard

8. The .... is used to type letters and numbers on the computer.

a. Blogs b. PC c. keyboard

9. .... is a way that converts letters into prominent symbols that can be read by touching.

a. Earpiece b. Screen c. Braille

10. .... is used as a means of communication in modern times.

a. E-mail b. Pencils c. Pens

11. .... are used to communicate with audio and Video.

a. Video calls b. Digital articles c. Digital blogs

12. It is preferable to .... after repairing or reinstalling the mouse to the device.

a. connect the power charger to the device

b. check electrical connections

c. restart the device

13. The component responsible for entering the data for the computer is the ....

a. keyboard b. CPU c. printer

14. The camera and microphone are used in ....

a. published articles b. text messages c. video calls

15. .... is used to express your personal opinions on the internet.

a. Digital blog b. E-mail c. GPS

16. Screen zoom software is used to help people who suffer from ....

a. hearing impairment b. visual impairment c. limb loss

17. One of the devices that word processing software needs to write on your computer is ....

a. keyboard b. the printer c. speakers

18. The era of the electronic revolution was characterized by the existence of ....

a. electricity b. printer c. hierographic symbols

19. One of the advantages of ICT tools is ....

a. data theft

b. helping people with disabilities

c. overuse of electronic devices

20. .... is a device that helps people with hearing impairment.

a. Speakers b. Printer c. Medical hearing aids

21. .... enables you to take the audio clips out of the computer.

a. The mouse b. The speaker c. screen zoom software

22. Information is considered the processing product of ....

a. data b. digital blogs c. e-mail

23. .... program is used to write reports.

a. Screen zoom software b. Word program c. Medical hearing aids

24. The .... is responsible for processing data.

a. printer b. screen c. CPU

25. From the advantages of ICT tools ....

a. Bullying your friends.

b. Helping people of determination

c. Excess usage of electronic devices.

26. Screen magnification software enables ....

a. Showing Information b. Hearing the information c. Printing papers

27. The speaker allows ....

a. Input Audio data. b. Output audio data. c. Printing papers

28. The timeline of technological evolution is ....

a. Word, Pen, Typewriter

b. Typewriter, Pen, Word.

c. Pen, Typewriter, Word.

29. To find location, we can use the ....

a. GPS b. printer. c. mouse

30. .... radar can discover objects buried underground

a. Speakers b. Ground penetrating c. Medical hearing aids

31. During .... , peoples started to communicate through pictures, like hieroglyphics

a. The Mechanical Age.

b. The Pre-Mechanical Age

c. The Electro-Mechanical Age

32. Pascaline which was an early calculator was in .... age

a. Mechanical. b. Pre-Mechanical c. Electro-Mechanical

33. Electricity was first used during the .... age.

a. Mechanical. b. Pre-Mechanical c. Electro-Mechanical

34. .... is an electronic device for processing data and can store information

a. GPS. b. satellite c. computer

35. you can use a computer to ....

a. write documents b. play games c. all the previous

36. .... used to type on computer

a. Mouse b. camera c. Keyboard:

37. .... used to move items easily on the screen

a. Mouse b. camera c. Keyboard

38. At .... you must ensure that the information is correct.

a. data collection b. Showing Information c. Printing papers

39. You type using a mobile phone keyboard ....

a. text messages b. digital blogs c. communication sites

40. .... type of computer that can be carried anywhere

a. laptop b. printer c. hierographic symbols

(2) Put (√) or (X)

1. The use of technology is limited to archaeologists and not to other scientists.	( )
2. The mouse is one of the information output devices	( )
3. Microsoft Word is one of the basic components of the computer.	( )
4. The printer processes the data entered the computer.	( )
5. Every computer must have an operating system.	( )
6. The first computer was discovered in the era of the mechanical revolution.	( )
7. Internet web is not important for obtaining information.	( )
8. The magnetometer is used to determine directions via satellites.	( )
9. Screen zoom software helps people with visual difficulties.	( )
10. CPU is a type of software.	( )
11. The earth's penetrating radar is used to detect underground minerals.	( )
12. Information is the result we get after processing the data.	( )
13. Data entry is the last stage of access to final information.	( )
14. Braille transforms letters into prominent symbols and can be read by touching.	( )
15. You can download files on your device without an internet service.	( )
16. E-mail is used to share data and communication among friends.	( )
17. Choosing search words helps us get the required search results.	( )
18. Word processing software is a type of device.	( )
19. You can see what you're doing in your device by looking at the display screen.	( )
20. Internet helps us in finding the information we want.	( )
21. One of the dangers of the internet is that others can use your personal data.	( )
22. GPS is used to find places you might need to visit.	( )
23. The operating system is not necessary to deal with the computer.	( )
24. Satellites appeared in the era of the mechanical revolution.	( )
25. When someone is blocked, they can see your posts.	( )
26. Global Positioning System (GPS) connects to satellites to determine locations.	( )
27. The Pascaline, is an example of technology from the Pre-Mechanical Age.	( )

28. Electricity was first used during the Electro-Mechanical Age.	( )
29. A keyboard is a device used to output data.	( )
30. We use scanners to transfer text and images from paper to our computers.	( )
31. The Central Processing Unit (CPU) is a type of software.	( )
32. You can collect data from many different sources.	( )

✸(3) TRY TO ANSWER:

1

Complete the following sentences :

(Applications - Operating Systems - Windows - Operating System)

1. Computer software is divided into .... programs and application programs.
2. .... one of the most famous and well-known operating system programs.
3. .... are ready-made, multi-purpose software and services.
4. .... it is the program responsible for operating and managing the

2

Complete the following statements from the brackets:

(search - a member of your family - cable - software update pictures - ICT tools - reboot the computer)

1. If you are unable to open an application, restart your computer and try to open the application again, or ....
2. If you can't type with the keyboard, make sure the keyboard cable is plugged in the right place. Then ....
3. Seek help from .... in case you encounter a problem with your computer at home and are unable to resolve it.
4. If you can't find an image file, search for it in the .... folder.
5. If the mouse pointer does not work, be sure to connect it's .... to the appropriate place.
6. Computer, laptop, and tablet are ....
7. ICT tools help you .... for information on the Internet, or write some reports and assignments related to your studies.

3

(e-mail - screen zoom software - eye fatigue - calculator - CPU)

1- .... helps people with visual impairment read e-books and e-magazines.

2- Spending a lot of time using technology causes ....

3- A means of communication and exchanging messages among work members, which is ....

4- Pascaline machine is the first version of ....

5- .... controls data and the way it is processed.

4

(Personal data – digital blogs– Operating system – Screen zoom software – Microphone)

1- Opinions that express its owner, published on the internet are called ....

2- Your name, address and date of birth are considered ....

3- .... is a tool that helps people with visual impairment to read digital books.

4- .... enables to enter sounds into computer.

5- .... is considered a necessity to allow any computer device to work.

5

(Word – GPS– Operating system – Hearing aids – Restart the device)

1- Tourists depend on .... to determine the location.

2- .... Is necessary to operate any computer.

3- You can write your CV or your research using .... Program.

4- .... Helps people who suffer from hearing problems.

5- In case you couldn't open an application, you should ....

6

A	B
1- Is used to input texts and images from paper into the computer.	a- Browsers
2- Is used to search on the internet.	b- GPS
3- Is used to locate things via satellite	c- Video Calls.
4- Is used to communicate with your friends audio-visually.	d- Scanner.

1- **2-** **3-** **4-**

7

A	B
1- Keyboard	a- Outputs audio data
2- Speaker	b- View visual data as images.
3- Screen	c- Like Name, Address and birthdate.
4- Personal information	d- Inputs Letters and Numbers.

1- **2-** **3-** **4-**

Model Answer

✹(1) Choose the right answer :

1. A	**8.** C	**15.** A	**22.** A	**29.** A	**36.** C
2. D	**9.** C	**16.** B	**23.** B	**30.** B	**37.** A
3. B	**10.** A	**17.** A	**24.** C	**31.** B	**38.** A
4. A	**11.** A	**18.** A	**25.** B	**32.** A	**39.** A
5. B	**12.** C	**19.** B	**26.** A	**33.** C	**40.** A
6. B	**13.** A	**20.** C	**27.** B	**34.** C	
7. B	**14.** C	**21.** B	**28.** C	**35.** C	

✹(2) Put (√) or (X)

1. (X)	**7.** (X)	**13.** (X)	**19.** (√)	**25.** (X)	**31.** (X)
2. (X)	**8.** (X)	**14.** (√)	**20.** (√)	**26.** (√)	**32.** (√)
3. (X)	**9.** (√)	**15.** (X)	**21.** (√)	**27.** (X)	
4. (X)	**10.** (X)	**16.** (√)	**22.** (√)	**28.** (√)	
5. (√)	**11.** (X)	**17.** (√)	**23.** (X)	**29.** (X)	
6. (X)	**12.** (√)	**18.** (X)	**24.** (X)	**30.** (√)	

✹(3) TRY TO ANSWER:

1

(1) Operating Systems **(2)** Windows

(3) Applications **(4)** Operating System

2

(1) software update **(2)** reboot the computer **(3)** a member of your family
(4) pictures **(5)** cable **(6)** ICT tools
(7) search

3

(1) screen zoom software **(2)** eye fatigue **(3)** e-mail
(4) calculator **(5)** CPU

4

(1) digital blogs **(2)** Personal data **(3)** Screen zoom software
(4) Microphone **(5)** Operating system

5

(1) GPS **(2)** Operating system **(3)** Word
(4) Hearing aids **(5)** Restart the device

6

1- d **2-a** **3-b** **4-c**

7

1- d **2-a** **3-b** **4-c**

Choose the correct answer from the following options:

1. Drivers use ………… to identify passenger directions.

a) gps positioning device

b) gpr ground penetrating radar device

c) alternative communication software

2. It was discovered in the era of the electronic revolution.

a) calculator b) smart phone c) digital meter

3. Blogs are managed by................

a) one person b) two people c) several people

4. ………… is considered the most widely used as it defines different categories of information

a) presentations program b) scientific magazine c) graph

5. To conduct a search for a specific topic on the Internet, you must first……….

a) specify the information you want

b) review the information sources

c) write the name of the source

Best wishes Mahmoud Yassin

6. .... is considered personal information.

a) nickname   b) age   c) address

Put the appropriate word in the place of the dots

(Awareness campaigns - Braille terminal system - computers - prosthetics - Windows - block - microphone - headphones)

1. The era of the electro-mechanical revolution witnessed the invention of the firist digital ....

2. .... is one of the output units that help the blind to read the computer outputs.

3. It is one of the most famous operating systemsand it has many versions. ....

4. ....help war casualties who lost a limb to carry out the tasks of their daily lives normally.

5. Anika has done a .... Through the Internet to help people lead a more healthy lifestyle.

6. When you .... someone, that person cannot see your posts or contact you.

Complete the following statements with an appropriate word:

1. Scientist Albert Lane used drone for ....

2. .... used to insert images and paper books into the computer and convert them into digital images and files.

3. There are some units that can be used for both input and output, such as.....................

4. You downloaded a file for a presentation that you have to look for in a folder ....

5. .... is An email you receive from an unknown email address containing an advertisement

6. Feeling tired is a .... consequences of using technology when excessive use of electronic devices .

Give a reason for:

1. Archaeologists survey the land before excavation.

2. Reliance on drawings and images as a means of communication in the pre-mechanical era.

3. A businessman who travels a lot depends on his laptop in performing his daily work.

4. While you are using the computer, you find that the keyboard or mouse does not work.

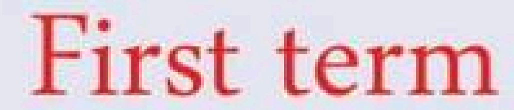
5. Anika first collected information from the internet Why do you think she contacted the locals?

6. Reliance entirely on the Google search site is considered one of the disadvantages of using ICT tools.

Best wishes Mahmoud Yassin



October Test



Information and Communication Technology

Grade 4

First term



Test 1

1 Mark true (✓) or false (×):

1. Modern technology saved us a lot of time and effort. ( )
2. Satellites and GPS are features of The Electronic Age. ( )
3. RAM doesn't affect the speed or performance of a computer ( )
4. DOS is considered the most common operating system ( )
5. Word processing programs are usually used to make presentations. ( )

2 Complete the following sentences

1. .... is used to locate underground minerals.
2. Pens, pencils, parchments, and abacus featured in the .... age
3. To enter your name into a computer you use the ....
4. .... is the main storage unit in a computer
5. .... is an output device for text and images on paper

3 Answer the following

1. What is an operating system?

....

2. What is a computer?

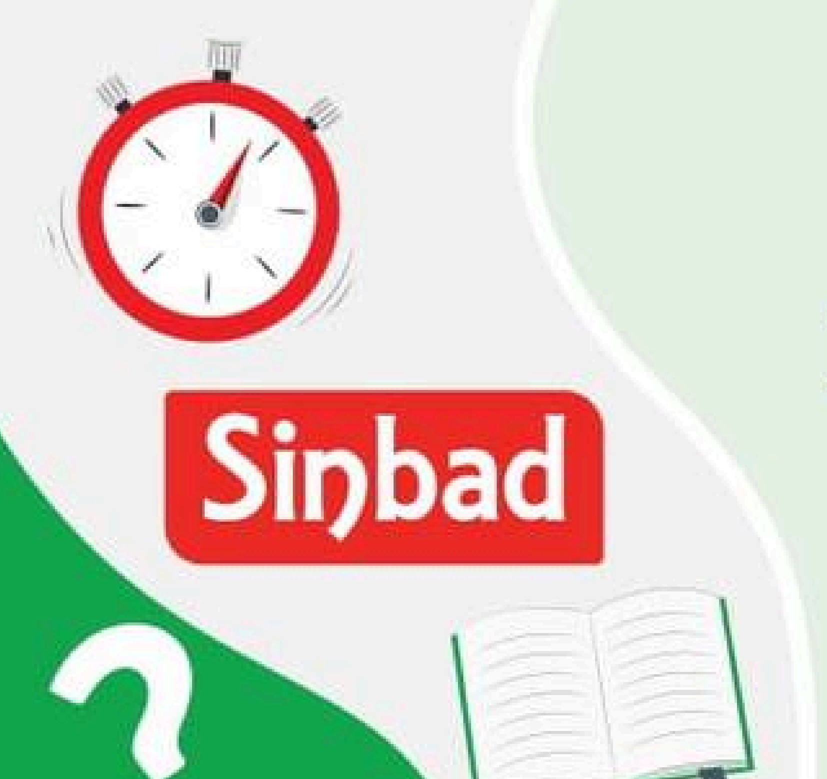
....

3. Who is Albert Lin?

....

4. What is the use of Magnetometers?

....

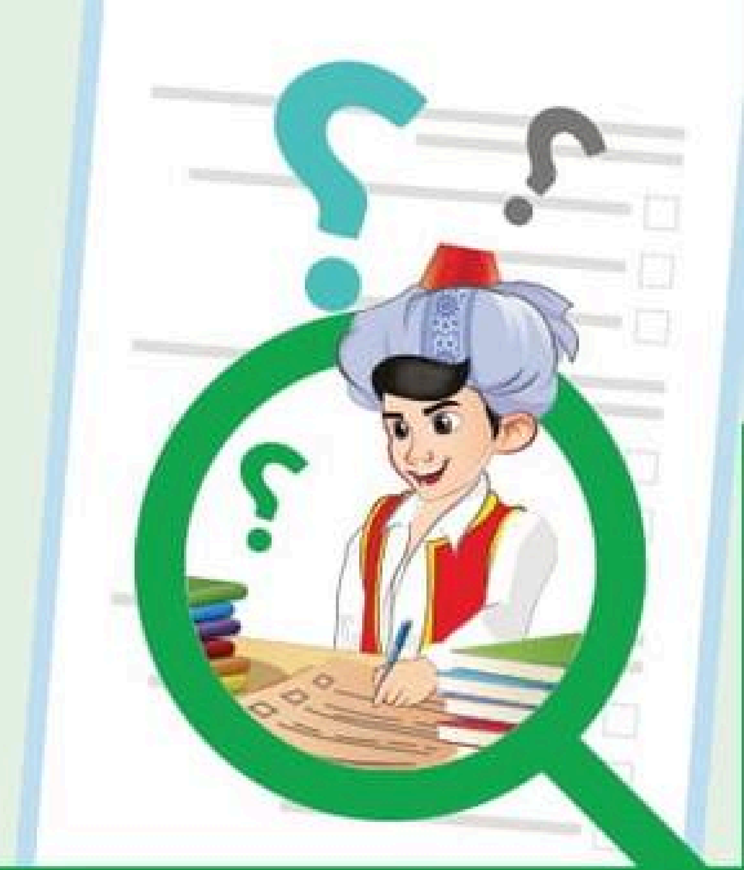


Answers

Information and Communication Technology

Grade 4

First term



Test 1 answers

1 Mark true (✓) or false (×):

1. ✓
2. ✓
3. ×
4. ×
5. ×

2 Complete the following sentences

1. A Magnetometer
2. Pre-mechanical
3. keyboard
4. Hard drive
5. The Printer

3 Answer the following

1. It's a type of software that communicates with the CPU to make the computer work and open programs.
2. It's an electronic device for processing data and storing information.
3. He is an archaeologist who used technological tools to explore sites without digging.
4. To detect the place of minerals underground.

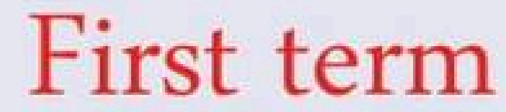


October Test

Information and Communication Technology

Grade 4

First term





Test 2

1 Mark true (✓) or false (×):

1. CPU is a type of software ( )
2. We use speakers to listen to music ( )
3. The Pre-mechanical Age started at 4000 BCE ( )
4. Printing was invented in The Mechanical Age ( )
5. It's easy to take pictures using drones ( )

2 Complete the following sentences

1. .... is used to locate something using satellites
2. The Pascaline was invented in The .... Age
3. A .... is considered an input and output device at the same time
4. .... is used to write reports
5. .... is used to create spreadsheets

3 Answer the following

1. What is the use of GPR?

....

2. Mention some of The Electro-Mechanical Age inventions

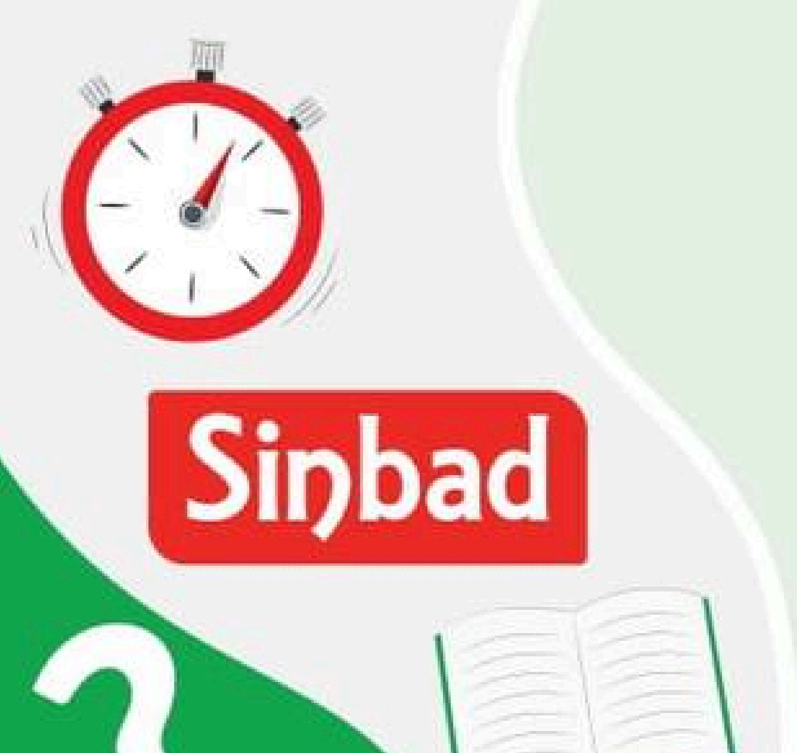
....

3. Mention some of the output devices

....

4. What is software?

....





Test 2 answers

1 Mark true (✓) or false (×):

1. ×
2. ✓
3. ×
4. ✓
5. ✓

2 Complete the following sentences

1. GPS
2. Mechanical
3. touch screen
4. Word
5. Excel

3 Answer the following

1. To detect underground metals and archaeological treasures.
2. the telephone - the record player - the first digital computer
3. Screen - Braille terminal - Speakers - Speech synthesizer - Printer
4. Programs and apps that help users operate a device and do specific tasks

October Exam

Name:..

4TH grade

Class: .... exam degree........./15

Choose the correct answer from the following:

1 - The device .... is used to detect metals in the ground

a Global Positioning System   b Ground Penetrating Radar   c Magnetometer

2 - Tourists rely on.......... to locate different places

a Global Positioning System   b Ground Penetrating Radar   c Magnetometer

3- Satellites appeared in the age of ....

a mechanical   b electromechanical   c electronic

4 - .... is used as a tool of communication in the modern age

a Email   b Pencils   c Pens

5- The age of revolution witnessed the emergence of printing technology and the use of the Pascaline machine

a mechanical   b electromechanical   c electronic

6 - One of the devices that a word processor program needs to write on the computer

a Keyboard   b printer   c headphones

7 -............... is an operating systems

a Word   b Windows   c PowerPoint

8- It converts letters into prominent letters that can be read by touch

a Headphones   b Screen   c Braille Terminal

9 – we can use.................. to copy paper and photos into the computer

a Display screen   b speech synthesizer   c scanner

إعداد وتصميم : محمود ياسين الشافعي – جروب فريق اصدقاء الكمبيوتر

10 - .... Enables you to listen to audio clips on your computer

a Screen Enlargement Software   b Mouse   c Speaker

11 – The computer can process the data by..........................

a cpu   b screen   c printer

12 - Screen magnification software is used for people with ....

a trouble hearing   b poor vision   c loss of a limb

13 - A device that allows people who have problems with speech to speak

a Speech Synthesizer   b Printer   c Scanner

14 - A device that helps people who have trouble hearing.

a Hearing aids   b scanner   c printer

15 - Preferably .... after repairing or re-installing the mouse in the device

a Connect the electric charger to the device

b Check the electrical connections

c restart the computer.

October Exam Name:...

4TH grade Class: .... exam degree........./15

Choose the correct answer from the following:

1 - The device .... is used to detect metals in the ground

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